

**Actuator-Sensor Interface for digital data transmission**

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Equivalents:

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**Abstract**

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The transmission of data in an interface system, such as an actuator-sensor (AS) system has a communication bus that supports a slave module 6 and a master module. The bus is in the form of a two-wire line and has a coupled power supply. Each slave module has an integrated processor and memory unit 26,28. Each module is identified by a four-bit address generated by the master that relates to a memory location 28. The contents are establish a date exchange between master and slave.

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